

Figure S1

A

Mouse genotype	Phenotype
<i>clap2<sup>FRT/FRT</sup> clap1<sup>lox/lox</sup></i>	viable and fertile
<i>clap2<sup>FRT/FRT</sup> clap1<sup>-/-</sup></i>	viable and fertile
<i>clap2<sup>-/-</sup> clap1<sup>lox/lox</sup></i>	viable and fertile
<i>clap2<sup>+/-</sup> clap1<sup>+/-</sup></i>	viable and fertile
<i>clap2<sup>-/-</sup> clap1<sup>-/-</sup></i>	<b>embryonic lethal</b>
<i>Xiap<sup>-/-</sup> clap2<sup>-/-</sup></i>	viable and fertile
<i>Xiap<sup>-/-</sup> clap2<sup>+/-FRT</sup> clap1<sup>+/-</sup></i>	viable and fertile
<i>Xiap<sup>-/-</sup> clap2<sup>FRT/FRT</sup> clap1<sup>-/-</sup></i>	<b>embryonic lethal</b>

B

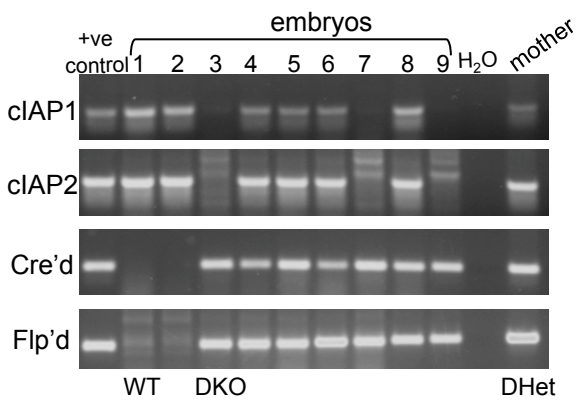


Figure S1 : **Embryonic lethality of *clap2<sup>-/-</sup>clap1<sup>-/-</sup>* and *Xiap<sup>-/-</sup>clap1<sup>-/-</sup>* DKO embryos.**

A. Table of genotype and phenotype correlation of the different mouse generated.  
B. PCR genotyping of a litter from *clap2<sup>+/-</sup>clap1<sup>+/-</sup>* intercrosses. Absence of cIAP1 and cIAP2, and presence of amplicons across deleted exons (Cre'd and Flp'd) are detected by PCR in *clap1<sup>-/-</sup>clap2<sup>-/-</sup>* DKO embryos.

Figure S2

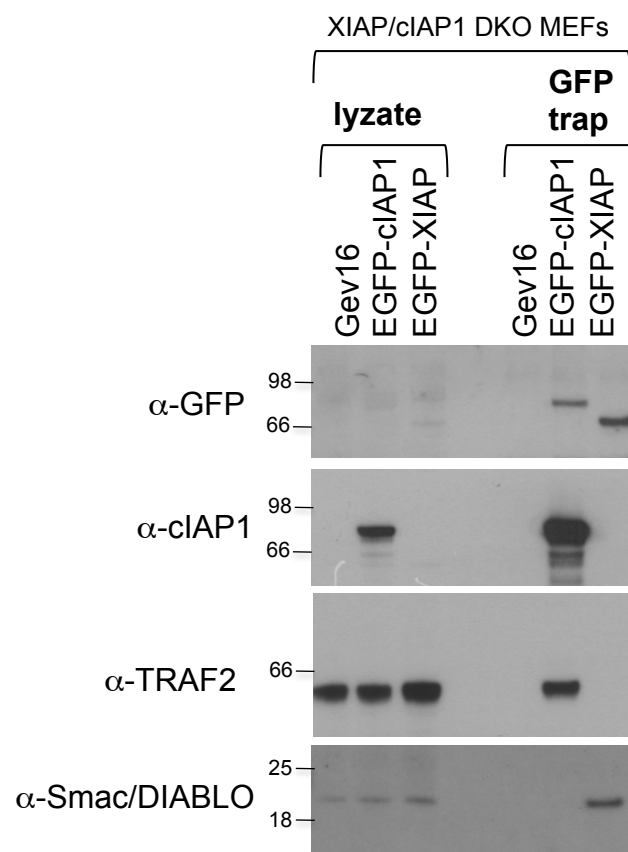


Figure S2. **Binding of EGFP-clAP1 and EGFP-XIAP to TRAF2 and Smac/DIABLO respectively.** *Xiap*<sup>-/-</sup>*clap1*<sup>-/-</sup> DKO MEFs uninfected or infected with lentiviral vectors that inducibly express mouse EGFP-clAP1 or EGFP-XIAP were treated with 10 nM 4HT for 24 hrs. EGFP-clAP1 and EGFP-XIAP were precipitated and analyzed by Western blotting.

Figure S3

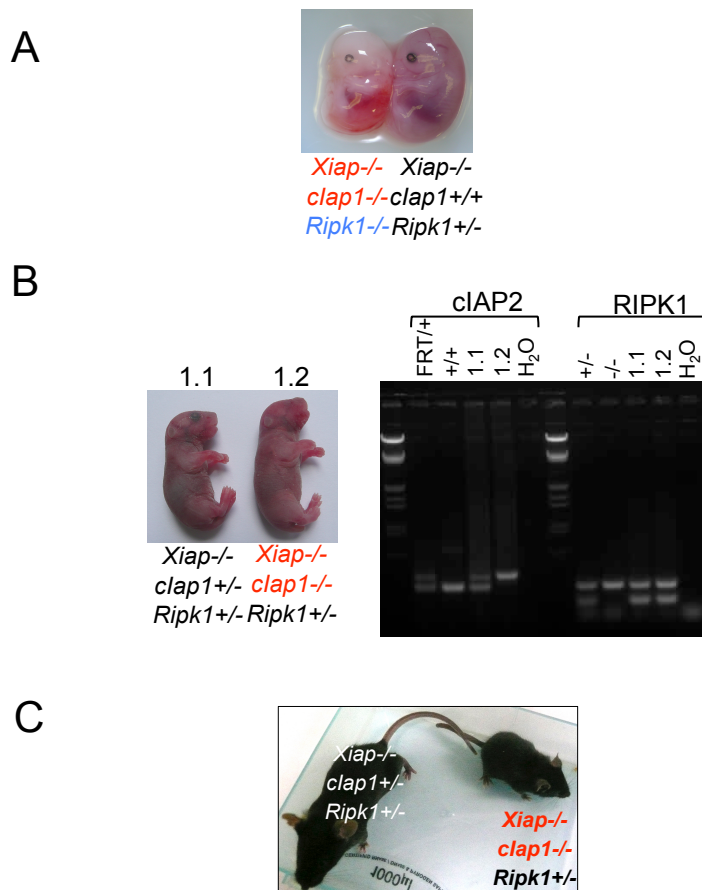


Figure S3. **Rescue of *Xiap*<sup>-/-</sup>*clap1*<sup>-/-</sup> embryonic lethality by deletion of a single *Ripk1* gene.**

Representative of E15.5 embryos (A), two 1-day-old pups and corresponding PCR genotyping (B), and two 6 week-old littermates (C) from a *Xiap*<sup>-/-</sup>*clap1*<sup>+/-</sup>*Ripk1*<sup>+/-</sup> intercross.